AMENDMENTS TO CLAIMS:

1. (currently amended) A process ~~Process~~ for adjusting the fluid delivery volumes of a multi-channel metering apparatus with an arrangement of independently controlled dispensing channels 1.1-1.n delivering individual volumes of dispensing fluid to cavities 3.1.1-3.n.n, the process comprising ~~in~~ the following procedural steps:

   delivering ~~controlled delivery of~~ individual volumes of dispensing fluid via dispensing channels 1.1-1.n, where the delivery is controlled by a control value that is the same for all the dispensing channels;

   measuring a ~~variable~~ value relevant to the individual volumes delivered;

   correlating measurement values with the control value and the particular dispensing channel 1.1-1.n;

   determining ~~a~~ (a) an equilibration value from the measurement values and (b) a permissible band of tolerance for ~~measurement values~~ the equilibration value;

   adjusting up or down the control value ~~up or down for every valve 2.1-2.n the~~ of any dispensing channel ~~1.1-1.n for which has a correlated~~ whose measurement value is above or below the band of tolerance for the equilibration value;

   memorizing ~~channel~~ control values and measurement values as data storage groups.

2. (currently amended) ~~Process in accordance with~~ The process of claim 1, wherein the process further comprises:

   determining the mean value of the measurement values for each of the dispensing channels 1.1-1.n.

   correlating each of the mean values with the control value and the particular dispensing channel.

   ~~a feature of which is that each dispensing channel 1.1-1.n delivers a number of fluid volumes to various cavities 3.1.1-3.n.n and the mean value – correlated with the control value and the dispensing channel 1.1-1.n in each case – is formed on the basis of correlated measurement values.~~

3. (currently amended) The process of claim 2, wherein the equilibration value is the median value of the mean values for each of the dispensing channels 1.1-1.n. ~~Process in accordance with claim 1, a feature of which is that a median value for measurement values is used as a equilibration value.~~

4. (currently amended) The process of claim 1, wherein the equilibration value is the mean value of the measurement values. ~~Process in accordance with claim 1, a feature of which is that a mean value for measurement values is used as a equilibration value.~~

5. (currently amended) The process of claim 1, wherein the equilibration value is a value relevant to a target volume. ~~Process in accordance with claim 1, a feature of which is that a value relevant to the target volume is used as a equilibration value.~~

6. (currently amended) ~~Process in accordance with~~ The process of claim 1, ~~a feature of which is that~~ wherein the control value is ~~the~~ opening times t.1-t.n for valves 2.1-2.n arranged in each of the dispensing channels 1.1-1.n.

7. (currently amended) ~~Process in accordance with~~ The process of claim 1, ~~a feature of which is that~~ wherein the control value is the plunger stroke of the pump connected to each of the dispensing channels 1.1-1.n.

8. (currently amended) ~~Process in accordance with~~ The process of claim 1, ~~a feature of which is that~~ wherein the steps ~~all stages~~ of the process are completed many times in sequence in order to align dispensing channels 1.1-1.n on more than one delivery volume or tolerance band.

9. (currently amended) ~~Process in accordance with~~ The process of claim 1, ~~a feature of which is that~~ wherein further storage data such as dispensing fluid pressure, temperature and viscosity are added to the storage data groups.

10. (withdrawn) Multi-channel metering apparatus with an arrangement of dispensing channels 1.1-1.n for the delivery of individual volumes of dispensing fluid to cavities 3.1.1-3.n.n in a correlated arrangement, each having an independently controlled means of metering, with a measuring device 4 to measure significant values x.1.1-x.n.n for the volumes of dispensing fluid delivered to the individual cavities 3.1.1-3.n.n, correlated with the control value and the dispensing channel 1.1-1.n in each case and memorized (data storage groups), a computer unit 5, which specifies an equilibration value on the basis of measurement values and adjusts all control values for channels the correlated measurement values for which are outside a tolerance band and on either side of the equilibration value, a data input unit 6 connected to computer unit 5 and a control unit 7 which controls the means of metering in accordance with the control values provided by computer unit 5.